

Session Program

1-5 Jul 2019



7th International Conference on Attosecond Science and Technology

High-harmonic spectroscopy and generation in solid materials

University of Szeged Congress Centre
Ady Square 10., 6722 Szeged, Hungary

Thursday 4 July

08:30

High-harmonic spectroscopy and generation in solid materials: #3

Session | Location: University of Szeged Congress Centre, Ady Square 10., 6722 Szeged, Hungary

08:30-09:00

Solid State Harmonics: Spatiotemporal Properties and Connection to Band Structure

Speaker

Prof. Mette B. Gaarde

09:00-09:15

Light-Wave Magnetization Dynamics

Speaker

Mr Florian Siegrist

09:15-09:30

Tracking the Phase Transition in VO₂ using High Harmonic Spectroscopy

Speaker

Elissa Haddad

09:30-09:45

Reconstruction of Valence Electron Density in Solids using Optical Laser Fields

Speaker

Harshit Lakhotia

09:45-10:00

Multi-Band Petahertz Currents Resolved via High Harmonic Generation Spectroscopy

Speaker

Ayelet Uzan

10:00-10:15

Ultrafast Spin Dynamics and High Harmonic Generation in 2D Systems

Speaker

Dominik Schulze

10:15